

ABSTRACT

An aircraft servicing pit is provided that has a pit lid set within a supporting frame and hinged for rotation relative to a pit access opening. However, the pit lid is also completely detachable from the surrounding frame once it opened. The pit lid support has a flat deck surface with an access opening surrounded by a supporting rim located beneath the deck surface. A hinge pocket is defined in the structure of the pit lid support. A pair of hinge axle end slots are formed on the opposite sides of the pit lid support frame and are inclined upwardly and outwardly. The pit lid has a hinge leaf with a pair of hinge axle ends projecting transversely therefrom in opposite directions. The hinge axle ends engage the hinge axle end slots and are entrapped therein when the pit lid is closed. When the pit lid is open to the point where the pit lid is in generally coplanar relationship relative to the hinge axle end slots, the hinge axle ends can be easily withdrawn from the slots and the pit lid removed completely from its supporting frame. Complete detachment of the pit lid in this fashion eliminates obstructions otherwise presented by the pit lid and its hinge in drawing cables and hoses out of the pit enclosure.